

No. W.11017/33/2012-WQ
Government of India
Ministry of Drinking Water & Sanitation
(Water Quality)

9th Floor, Paryavaran Bhawan,
CGO Complex, Lodi Road,
New Delhi 110003.
Dated the 26th May, 2014.

SANCTION ORDER No. 1

Subject:-Release of funds to Jain University (Center for Nano and Material Sciences), Jain Global Campus, Jakkasandra Post, Kanakapura Taluk, Ramanagara District, Bangalore-562112 towards research project – “Development of new Nano-filtration membranes for desalination and brackish water” Regarding.

Sanction of the President of India is hereby conveyed for the release of an amount of Rs.9,12,400/- (**Rupees Nine lakh twelve thousand four hundred only**) as 1st installment of total project cost of Rs.22,81,000/- (Rupees twenty two lakh eighty one thousand only) to Centre for Nano and Material Sciences, Jain University, Bangalore- 562112, with project duration of two years, for Research Project entitled “ Development of New Nano-filtration membranes for desalination and brackish water”. **Dr. Geetha Balakrishna, Professor and Shri Mahesh S. Padaki, Post Doctoral Fellow, Centre for Nano and Material Sciences, Jain University, are the Principal Investigator and Co-Principal Investigator respectively for the aforesaid project.**

2. **The terms and conditions for the release are as under:-**

- i) The release is under plan expenditure and should be used for the purpose for which it is released. Diversion of funds is not allowed under any circumstances.
- ii) Quarterly/Half –yearly progress reports may regularly be sent to the Ministry in due course.
- iii) The Utilization Certificate/Audited Statement of Accounts may be sent to the Ministry in due course.
- iv) Final installment will be released after receipt of Completion Report, UCs, Audited Statement of Accounts and other documents as per the terms and conditions of the technical sanction issued vide Order No.W-11017/33/2012-WQ dated 26th May, 2014.

3. Component wise approved expenditure is annexed.

4. Pay & Accounts Officer (Ministry of Drinking Water & Sanitation) will be the Drawing & Disbursing Officer for this purpose. The amount of Rs.9,12,400/- will be sent by ECS to the Joint Registrar, Jain University (Centre for Nano and Material Sciences), Bangalore through the following bank details:-

A/C Holder Name- Joint Registrar, Jain University.
Name of Bank : State Bank of Mysore,
Branch: V.V.Puram, Bangalore-560004.
Bank A/c No.: 64091437425.
Bank Branch Code: 0040292.
MICR Code: 560006005
IFC Code: SBMY0040292.


5. The above expenditure is debitable to the following budget head:

Demand No. 29	:	Ministry of Drinking Water & Sanitation
Major Head 2215	:	Water Supply and Sanitation
01	:	Water Supply (Sub-major head)
01.102	:	Rural Water Supply Programme (Minor Head)
17	:	National Rural Drinking Water Programme
17.01	:	Research
17.01.50	:	Other Charges (Plan) 2014-15

6. The Institute will maintain separate audited accounts for the project. If it is found expedient to keep a part or whole of the grant in a bank account earning interest, the interest thus earned should be reported to the Ministry of Drinking Water and Sanitation and should be reflected in the statement of expenditure. The interest thus earned will be treated as a credit to the institution to be adjusted towards further installment of the grant. Further, the R&D institution /organization will maintain separate sub-set of accounts for each project with regular bank reconciliation for calculation of interest earned and crediting it to the project account. The interest earned could be calculated based on the fund available, duration of funds availability and rate of interest being paid by the Bank. Institute should undertake to maintain the project specific sub-set of accounts and for credit of interest to the project account towards close of the financial year or towards settlement of final accounts.

7. The accounts of the grantee institution or organization shall be open to inspection by Internal Audit of the Principal Accounts Office functioning under Chief Controller of Accounts of this Ministry, in terms of Rule 211(i) of GFR, 2005.


8. The sanction is issued under the delegated powers in consultation with the Integrated Finance Division vide their U.O.No.15/DW&S-IFD/2014-15 dated 7.5.2014.


(M. M. Singh)
Director (R&D).
Tele: 24364518

The Pay & Accounts Officer,
Ministry of Drinking Water & Sanitation,
6th Floor, Block No. 11, CGO Complex,
Lodi Road, New Delhi 110003.

Copy to:-

1. Drawing & Disbursing Officer, Cash Section, Ministry of Drinking Water & Sanitation, 8th Floor. Paryavaran Bhavan, CGO Complex, Lodhi Road, New Delhi, (with two copies of the sanction order for necessary action)
2. Shri M.S. Santosh, Joint Registrar, Jain University, Jain Global Campus, Jakkasandra Post. Kanakapura Taluk, Ramanagara District, Bangalore-562112.
3. Dr. R.Geetha Balakrishna, Associate Director & Professor, (PI) Centre for Nano and Material Sciences, Jain University, Jakkasandra post, Kanakapura Taluk, Ramanagara District, Bangalore-562112.
4. Shri Mahesh S. Padaki, Post Doctoral Fellow, (Co-PI) Centre for Nano and Material Sciences, Jain University, Jakkasandra post, Kanakapura Taluk, Ramanagara District, Bangalore-562112.
5. Dr. Satish R. Wate, Director, CSIR- National Environmental Engineering Research Institute, Nehru Nagar, Nagpur-440020
6. The Principal Director of Audit, E& S Ministries, AGCR Building, IP Estate, New Delhi.
7. PS to MOS(1/C), Ministry of Drinking Water and Sanitation, Krishi Bhavan, New Delhi.
8. Sr.PPS to Secretary (DWS)/ PPS to AS&FA/ PS to J.S(W),/ Addl.Adviser(PHE)/ Dir. (Fin.)/ Dy.Adviser (DR)/ T.D.(NIC)/ B&A Section/IFD/Guard File.


(M.M.Singh)
Director (R&D)
Tel: 011-2436 4518

Details of component wise approved allocation for Development of new nano-filtration membranes for desalination and brackish water.

Objectives: Chemical modification of polymers to change the properties like hydrophilicity, solubility and charge, and synthesis of metal oxide nanoparticles and preparation of nano-filtration composite membranes and further studies.

As far as possible, PI should hire the equipment. Any items purchased from the grants should be disposed as per R & D Guidelines/General Financial Rules of Govt. of India.

Sl. No.	Budget given by PI Details of items/ service	Approved budget (in Rs)
1	Equipment Cost	4,75,000
2.	Salary of Research Team*	8,16,000
3	Travel Expenses	90,000
5	Consumables	5,20,000
5	Total cost of the project	19,01,000
6	Contingency expenditure	1,90,000
7	10% over-head charges	1,90,000
8	Grand Total	22,81,000
9	Duration of the project	Two Years

* 1 JRF @ Rs. 16,000/per month and 1 SRF @ Rs.18,000/- per month for 2 years are approved.